

80/566207

1AP20 Rec'd PCT/PTO 27 JAN 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: **An-Pang TSAI et al.**

Serial Number: **Not yet assigned**

(§371 of international application No. PCT/JP2004/010738)

Filed: **January 27, 2006**

For: **CATALYST FOR USE IN REFORMING METHANOL WITH STEAM
AND METHOD FOR PREPARATION THEREOF**

Attorney Docket Number: **053484**

Customer Number: **38834**

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

January 27, 2006

Sir:

In compliance with 37 C.F.R. §1.56, Applicants direct the attention of the Patent and Trademark Office to the documents listed on the attached PTO/SB/08. A copy of each non- U.S. document is enclosed herewith as well as an International Search Report mailed September 7, 2004.

If there are any fees due in connection with the filing of this paper, please charge Deposit Account No. 50-2866.

Respectfully submitted,

WESTERMAN, HATTORI, DANIELS & ADRIAN, LLP



Sadao Kinashi

Attorney for Applicants

Registration No. 48,075

Telephone: (202) 822-1100

Facsimile: (202) 822-1111

SK/mc

Enclosure: PTO/SB/08, Documents (9) & Int'l Search Report

Combined Form PTO/SB/08A&B INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>	<i>Complete if Known</i>	
	Application Number	Not Yet Assigned
	Confirmation Number	88/906207
	Filing Date	January 27, 2006
	First Named Inventor	An-Pang TSAI et al.
	Art Unit	
Examiner Name		

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
		US			
		US			
		US			
		US			

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation ⁴
		Country Code ³	Number ⁴	Kind Code ² (if known)			
/S.V./	1	JP	2001-276625		10/9/2001	Mitsubishi Gas Chem Co Inc et al.	Abstract
	2	JP	7-178342		7/18/1995	Masumoto Takeshi et al.	Abstract
	3	JP	7-126702		5/16/1995	Masumoto Takeshi et al.	Abstract
	4	JP	7-265704		10/17/1995	Masumoto Takeshi et al.	Abstract
	5	JP	3-238049		10/23/1991	Asahi Eng Co Ltd	Abstract

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.			Translation ⁴
/S.V./	6	A.P. TSAI et al., "Highly active quasicrystalline Al-Cu-Fe catalyst for steam reforming of methanol", Applied Catalysis A: General 214 (2001) 237-241			
/S.V./	7	M. YOSHIMURA et al., "Quasicrystal application on catalyst", Journal of Alloys and Compounds 342 (2002) pp. 451-454			
/S.V./	8	MICHIAKI YAMASAKI et al., "Oxidation behavior of quasicrystalline Al ₆₃ Cu ₂₃ Fe ₁₂ alloys with additional elements", Journal of Alloys and Compounds 342 (2002) pp. 473-476			
/S.V./	9	SATOSHI KAMEOKA, "Steam Reforming Reaction of Methanol using Quasi-crystalline Metal Catalyst", Shokubai, 3/10/2003, Vol. 45, No. 2, pp. 138-140			

Examiner Signature	/Sarah Van Oudenaren/	Date Considered	09/24/2008
--------------------	-----------------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to indicate here if English language Translation is attached.